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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 03/01060

### A. CLASSIFICATION OF SUBJECT MATTER

IPC7: G06T 5/00, G01N 33/68, G06K 9/34

According to International Patent Classification (IPC) or to both national classification and IPC

### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: G06T, G06K, G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, INSPEC, COMPENDEX, TDB

### C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WD 9819271 A1 (MOSE LARSEN, P. ET AL.), 7 May 1998 (07.05.98), abstract	1-21
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A	BETTENS, E. et al. "Automatic segmentation and modelling of two-dimensional electrophoresis gels". In: IEEE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING. PROCEEDINGS. ICIP'96. 19 September 1996, Vol. 2, pages 665-668, see page 2, section 2.; abstract	1-21
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☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

16 Sept. 2003

18-09-2003

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### C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>ADDARIO-BERRY, L. "2D Gel Electrophoresis - An Overview" [on line]. 9 May 2002, pages 1-9, [retrieved on 2003-09-11]. Retrieved from the internet:            &lt;URL: <a href="http://www.mcb.mcgill.ca/~hallet/GEP/PLecture3/PLecture3.pdf">http://www.mcb.mcgill.ca/~hallet/GEP/PLecture3/PLecture3.pdf</a>&gt;.            See page 1, section 1 - page 5, section 4.</p> <p style="text-align: center;">--</p>	1-21
A	<p>YE, X. et al. "A recent development in image analysis of electrophoresis gels".            In: PROCEEDINGS OF THE VISION INTERFACE CONFERENCE. VISION INTERFACE '99. Trois-Rivieres, Que., Canada, 18-21 May 1999, pages 432-438, see page 434, section III; abstract</p> <p style="text-align: center;">--</p>	1-21
A	<p>KIM, S. "Numerical methods for advancing interfaces" [on line]. June 2000, pages 1-32, [retrieved on 2003-09-11]. Retrieved from the Internet:            &lt;URL: <a href="http://www.ms.uky.edu/~math/MAreport/PDF/00-06pdf">http://www.ms.uky.edu/~math/MAreport/PDF/00-06pdf</a>&gt;. See the whole document; abstract</p> <p style="text-align: center;">--</p>	1-21
A	<p>SETHIAN, J.A. "Level set methods and fast marching methods". CAMBRIDGE UNIVERSITY PRESS, 1999, see the whole document; abstract</p> <p style="text-align: center;">--            -----</p>	1-21

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Patent document cited in search report				Publication date		Patent family member(s)	Publication date
WO	9819271	A1	07/05/98	AT	239274	T	15/05/03
				AU	743300	B	24/01/02
				AU	743867	B	07/02/02
				AU	4132597	A	02/04/98
				AU	4569397	A	22/05/98
				DE	69721551	D	00/00/00
				EP	0925554	A	30/06/99
				EP	0932882	A,B	04/08/99
				JP	2001500614	T	16/01/01
				JP	2001503860	T	21/03/01
				KR	2000052802	A	25/08/00
				AU	5407098	A	29/05/98
				EP	0934409	A	11/08/99
				JP	2002504806	T	12/02/02
				WO	9820124	A	14/05/98
				KR	2000036155	A	26/06/00
				WO	9811508	A	19/03/98